

STAY INFORMED ON DOE'S SUSTAINABILITY PERFORMANCE

Sustainability Performance Division (MA-53)

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FY 2018 OMB Scorecard Highlights

Facilities Energy Intensity from FY03 Change from FY17	-38.2% -1.2%
Renewable Electricity Use	30.5%
Potable Water Efficiency from FY07 Change from FY17	-32.4% -2.9%
High Performance Sustainable Buildings (HPSB) by Building Count	12.8%
Petroleum use in Covered Fleet from FY05	-37.3%

All are welcome to visit us!

FY 2019 Sustainability Awards Winners

Energy



Nevada National Security Site successfully commissioned a new **424 kW solar array** at their Mercury Fire Station, making it the first NNSA zero energy facility.



Pacific Northwest National Laboratory implemented a voting-based temperature control system - **saving 1,400 MMbtu with a cost savings of over \$3,600.**



Hanford Site reinvested energy incentives into additional energy efficiency projects - **saving 1,217 MWh of energy and \$50,000 in cost avoidance.***



Berkeley Lab developed local policy on Sustainability Standards for New Construction **encouraging integrated design and meeting GP/LEED green building certification.**



Los Alamos National Laboratory created a Fume Hood Preventative Maintenance Program - **reducing fume hood down time, making labs safer, and saving 144,000 kWh/yr.**



Savannah River Site established a small drone program to inspect a decommissioned reactor - **providing quick inspections at half the cost of a helicopter and using no fossil fuels.**

Waste Diversion



Argonne National Laboratory launched a food scrap and paper towel composting program, which is expected to **increase their municipal solid waste (MSW) diversion rate by 24%.**



Y-12 National Security Complex/NNSA's authorized limits partnership maximized complex-wide sustainability recycling - **efficiently and safely reducing waste, improving operations, and avoiding significant costs.***



Argonne National Laboratory initiated a lab-wide program called Disposal Days - **diverting 66 tons of electronics/scrap metal from landfill, and disposing of 24 tons of MSW.***

Thank you to everyone's dedication to sustainability! We want to give special recognition to the following award winners:

Lifetime Achievements:

- Teresa Perkins, Idaho National Laboratory
- Pat Thorson, Lawrence Berkeley National Laboratory

Sustainability Champions:

- Charles Sexton, Y-12 National Security Complex
- Ricardo Marti-Arbona, Los Alamos National Laboratory
- Will Kinman, Los Alamos National Laboratory*

** Honorable Mentions are marked*